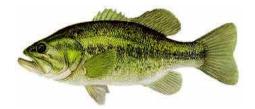
Summary Report of Black Bass Fishing Contests held in California During 2010



Largemouth



Spotted



Smallmouth



Flatwater Reservoir Research and Management Project



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Ву

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TABLE OF CONTENTS

INTRODUCTION	1
PERMITS ISSUED	2
LOCATIONS	4
TIMING	6
TOTAL CATCH	8
CATCH PER HOUR	9
FISH SIZE	10
INITIAL MORTALITY	12
APPENDIX 1	13
APPENDIX 2	17
APPENDIX 3	20

Introduction

Beginning in 1975, organizers offering prizes or other inducements for the taking of sport fish in any California water were required to obtain a fishing contest permit from the California Department of Fish and Game (CDFG). Since 1985, organizers have been required to submit a 'Fishing Contest Report' to the CDFG detailing the results of each permitted contest. In 1990, in an effort to gather more data, regulations were established that provided two types of contests, 'Event' and 'Annual'. An 'Event' type contest permit is designed to regulate large fishing contests often run by commercial organizations. The 'Annual' type contest permit is designed to gather data from smaller organized contests, such as those offered by bass clubs or individuals.

An 'Event' type permit is required for contests in which more than 50 anglers will participate or the sponsor is offering \$1,000 or more in prizes or other inducements. An 'Event' contest targeting black bass may not exceed 3 days duration and no more than one 'Event' type contest may be held on any water on the same day with the exception of the Sacramento – San Joaquin Delta (Delta). On the Delta, up to 3 'Event' permits may be issued per day as long as only one weigh-in location appears in each of the following counties: San Joaquin, Contra Costa, and Sacramento.

An 'Annual' type permit is required for contests with 50 or fewer participants and the sponsor is offering less than \$1,000 in prizes or other inducements. Up to 12 individual contests may appear on each "Annual" type permit, and there is no limit to the number of "Annual" type permits that can be issued for each date and/or water.

Permits Issued

In 2010, a total of 1,923 permits were issued to applicants/sponsors offering prizes for the taking of game fish in California. A total of 1,754 of those permits (91%) were issued for tournaments targeting black bass. Not all permitted contests are held since some contests were cancelled or simply not conducted for various reasons. For each permit Issued, the organizer is required to complete and return a 'Fishing Contest Report' form to the CDFG within 30 days of the conclusion of each contest. Report compliance has varied from year to year - averaging about 60% for much of this decade. Beginning in 2007 in an effort to improve compliance, the CDFG began sending a 'Letter of Notice' to organizers that specific contest reports were delinquent. In late 2008, CDFG improved reporting procedures by developing a writeable PDF form and e-mail submittal procedures. These changes have tremendously helped improve sponsor compliance. In 2010, 97% of all fishing contest reports were submitted and were used in the analysis described in this report.

A total of 819 'Event' type fishing contests were permitted in 2010, of which 688 contests submitted complete reports. This represents a slight increase over the number of contests permitted in 2009 but a 13% increase in the number of 'Event' type contests held since 2007 (Table 1).

A total of 935 'Annual' type contests were permitted in 2010, of which 834 submitted completed reports. The number of 'Annual' type contests permitted in 2010 represents a 2% increase from the previous year, but it still remains well below the high of 1,044 permits issued in 2008 (Table 2).

The number of contests permitted has remained fairly consistent for 'Event' and 'Annual' type contests since 2007. Meanwhile, the number of participants has declined steadily for 'Event' type contests while remaining stable for 'Annual' type contests during this same time period (Figure 1). Participation by anglers in 'Event' type contests has declined by about 14% during the last four years.

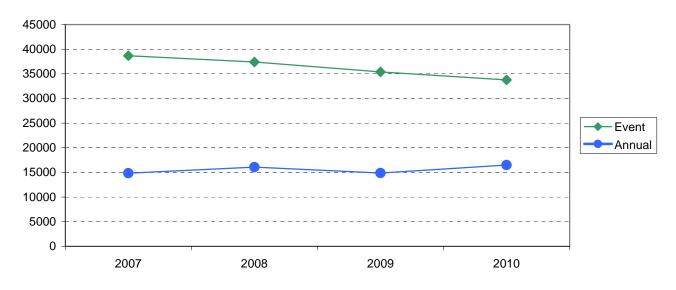
Table 1. Number of 'Event' type bass fishing contests permitted annually between 1985 – 2010.

	Number of		Number of		Number of		Number of
Year	Contests	Year	Contests	Year	Contests	Year	Contests
		1990	277	2000	630	2010	819
		1991	265	2001	724		
		1992	282	2002	721		
		1993	303	2003	843		
		1994	298	2004	793		
1985	57	1995	327	2005	777		
1986	151	1996	375	2006	765		
1987	156	1997	422	2007	843		
1988	234	1998	549	2008	820		
1989	226	1999	596	2009	808		

Table 2. Number of 'Annual' type bass fishing contests permitted annually between 1985 - 2010.

Vaan	Number of	V	Number of	V	Number of	Vaan	Number of
Year	Contests	Year	Contests	Year	Contests	Year	Contests
		1990	485	2000	889	2010	935
		1991	570	2001	937		
		1992	704	2002	934		
		1993	704	2003	887		
		1994	814	2004	903		
1985	na	1995	804	2005	831		
1986	na	1996	808	2006	919		
1987	na	1997	824	2007	966		
1988	na	1998	887	2008	1,044		
1989	na	1999	820	2009	918		

Figure 1. Number of participants in 'Event' and 'Annual' type fishing contests.



Locations

A total of 688 'Event' type fishing contests were held on 45 different waters throughout California (Table 3). In northern California, the Sacramento-San Joaquin Delta held the most tournaments of any water body (122) - but up to 3 contests may be permitted on the Delta each day. For locations where only one 'Event' type permit was permitted each day - Clear Lake was the most popular tournament location in northern California (48), while Diamond Valley Lake held the largest number of tournaments in southern California (39).

Table 3. Location and number of 'Event' type contests targeting bass in 2010.

Water	# Contests	Water	# Contests
Sacramento-San Joaquin Delta	122	Folsom Lake	9
Clear Lake	48	Silverwood Lake	9
Diamond Valley Lake	39	Lopez Lake	8
Lake Castaic	34	Lake Nacimiento	8
Lake McClure	34	Lake Perris	8
Lake Oroville	29	Lake Camanche	7
Millerton Lake	27	Lake Sonoma	5
Lake Shasta	25	Lake Almanor	4
Lake Don Pedro	22	Lake Hensley	4
Lake El Capitan	22	Lake San Antonio	3
Lake Hodges	22	Lake Tulloch	3
Lake Isabella	22	Castaic Lagoon	2
Lake Kaweah	21	East Park Reservoir	2
Otay Lake, Lower	15	Iron Gate Reservoir	2
Pine Flat Lake	15	Ruth Lake	2
Pyramid Lake	15	Lake Amador	1
Lake Berryessa	14	Anderson Lake	1
Lake Cachuma	13	Bass Lake	1
Eastman Lake	12	Big Bear Lake	1
Lake Success	12	Lake Pardee	1
Lake Casitas	11	Trinity Lake	1
New Melones Reservoir	11	Vail Lake	1
Lake Piru	11	Lake Elsinore	1
Lake Santa Margarita	10		

A total of 684 'Annual' type fishing contests were held on 68 different waters throughout California (Table 4). Again the most 'Annual' type tournaments were held on the Sacramento-San Joaquin Delta (147), while Clear Lake also a very popular tournament location (100). In the southern portion of the state, Lake Piru was the most popular tournament water (26), followed closely by Lake Nacimiento (22).

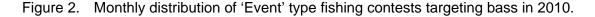
Table 4. Location and number of 'Annual' type contests targeting bass in 2010.

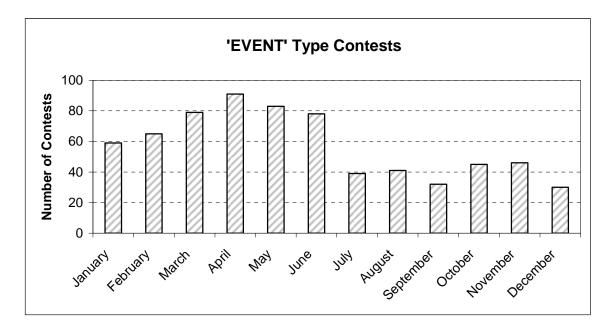
Water	# Contests	Water	# Contests
Sacramento-San Joaquin Delta	147	Bass Lake	5
Clear Lake	100	Lake Britton	5
Lake Shasta	72	Bullards Bar Reservoir	4
Lake Don Pedro	34	Lake Sutherland	4
Lake Berryessa	26	Lake Tulloch	4
Lake Piru	26	Camp Far West	3
Lake Nacimiento	22	Colorado River	3
Lake Camanche	21	Iron Gate Reservoir	3
Lake El Capitan	21	Lake Isabella	3
Diamond Valley Lake	20	Silverwood Lake	3
Lake Oroville	18	Antelope Lake	2
Trinity Lake	18	Big Bear Lake	2
Lake Tulloch	18	Martinez Reservoir	2
Lake Pardee	17	Salt Springs Reservoir	2
Otay Lake, Lower	16	Lake Shastina	2
Lake Hodges	15	Lake Skinner	2
Lake Santa Margarita	15	Stony Gorge Reservoir	2
Lake Cachuma	14	Thermalito Afterbay	2
Lake New Melones	14	Walker Lake	2
Lake Almanor	12	Big Lake (Shasta Co.)	1
Lopez Lake	12	Black Butte Reservoir	1
Lake Amador	11	Blue Lake, Upper (Lake Co.)	1
Lake McClure	10	Butt Valley Reservoir	1
Lake Perris	10	Copco Reservoir	1
Lake San Antonio	10	Lake Elsinore	1
New Hogan Lake	9	Irvine Lake	1
Pyramid Lake	9	Los Banos Reservoir	1
Folsom Lake	8	Collins Lake	1
Pine Flat Lake	7	Parker Dam Reservoir	1
Lake Casitas	6	Lake Pillsbury	1
Lake Castaic	6	Scotts Flat Reservoir	1
Lake Murray	6	Union Valley Reservoir	1
Lake Sonoma	6	Vail Lake	1
Whiskeytown Lake	6		

Timing

On average, 127 fishing contests targeting bass were held statewide each month in 2010. April being the most popular month for bass contests, there were 185 contests held throughout the state. Since most contests are held on either Saturday or Sunday, there were ~23 fishing contests held each weekend day during the month of April.

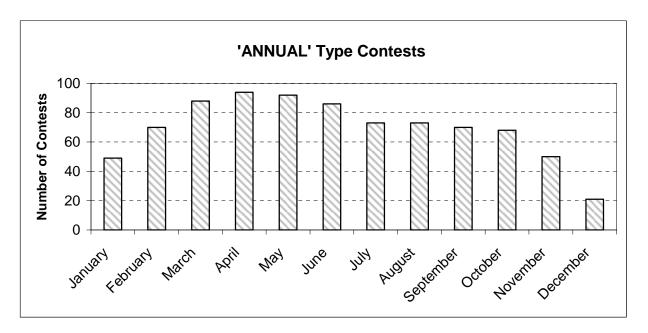
On average, 57 'Event' type contests were held each month throughout the state. The lowest number of contests per month (30) was during the month of December (Figure 2). Fishing contests peaked during the spring months of March - May. During this period, an average of 84 fishing contests was held each month. This was the preferred time for fisherman to target bass as the fish have typically moved up into the shallow water and feed aggressively in preparation for spawning. The summer months of July - September were on average when the fewest contests were conducted. Many tournament organizers avoided the period from June 15th - September 15th, as this is when the CDFG limits time between blast off and the first weigh-in, not to exceed 6 hours in duration. This is commonly referred to as the "6 - hour" rule by many tournament organizers and participants.





For 'Annual' type fishing contests, organizers conduct an average of 70 tournaments each month (Figure 3). The month of April is the most popular month to hold a tournament with approximately 94 contests held that month statewide. The '6 - hour' rule does not seem to deter organizers of 'Annual' type contests as 198 contests were held between June 15th and September 15th. December was the least desirable month for sponsors of 'Annual' type permits.

Figure 3. Monthly distribution of 'Annual' type fishing contests targeting bass in 2010.



Total Catch

A total of 119,597 bass were reported caught in fishing contests in 2010. This is for all species combined – largemouth, smallmouth, and spotted bass – because organizers seldom separated catch by species in fishing contest reports.

By contest type, organizers of 'Event' type contests reported a total catch of 81,248 bass (Table 5). This result is an 11% decrease compared to total catch reported in 2009. For 'Annual' type contests, organizers reported a total catch of 38,349 black bass (Table 6). This represents a 7% increase in total catch from that reported by organizers in 2009 for 'Annual' contest types.

Table 5. Total number of bass caught in 'Event' type fishing contests between 1985 - 2010.

Year	Total Catch						
		1990	44,602	2000	61,868	2010	81,248
		1991	34,099	2001	56,458		
		1992	39,166	2002	52,951		
		1993	47,321	2003	68,895		
		1994	53,645	2004	81,715		
1985	6,011	1995	50,095	2005	71,441		
1986	15,663	1996	55,571	2006	78,475		
1987	32,807	1997	60,874	2007	119,436		
1988	36,437	1998	64,930	2008	100,675		
1989	32,109	1999	33,755	2009	90,668		

Table 6. Total number of bass caught in "Annual" type fishing contests between 1985 - 2010.

Year	Total Catch						
		1990	12,170	2000	22,224	2010	38,349
		1991	12,600	2001	24,624		
		1992	21,510	2002	22,683		
		1993	25,715	2003	24,363		
		1994	35,125	2004	29,685		
1985	no data	1995	28,882	2005	24,815		
1986	no data	1996	28,138	2006	34,148		
1987	no data	1997	31,013	2007	44,403		
1988	no data	1998	26,291	2008	39,537		
1989	no data	1999	5,452	2009	35,801		

Catch per Hour

The overall CPUE for all bass contests held in 2010 was 0.26 fish/hour. The catch per hour for 'Event' (Table 7) and 'Annual' (Table 8) type contests were both 0.25 and 0.26 fish per hour respectively. Over all reporting years, the catch per hour for tournament caught bass has remained fairly consistent for both contest types.

Table 7. Catch per hour of bass by year for 'Event' type bass fishing contests between 1985 - 2010.

Year	Catch/Hour	Year	Catch/Hour	Year	Catch/Hour	Year	Catch/Hour
		1990	0.22	2000	0.26	2010	0.25
		1991	0.18	2001	0.28		
		1992	0.20	2002	0.29		
		1993	0.21	2003	0.25		
		1994	0.25	2004	0.26		
1985	0.21	1995	0.23	2005	0.24		
1986	0.17	1996	0.25	2006	0.25		
1987	0.23	1997	0.26	2007	0.27		
1988	0.18	1998	0.25	2008	0.28		
1989	0.19	1999	0.24	2009	0.26		

Table 8. Catch per hour of bass by year for 'Annual' type bass fishing contests between 1985 - 2010.

Year	Catch/Hour	Year	Catch/Hour	Year	Catch/Hour	Year	Catch/Hour
		1990	0.20	2000	0.26	2010	0.26
		1991	0.18	2001	0.27		
		1992	0.21	2002	0.29		
		1993	0.22	2003	0.25		
		1994	0.27	2004	0.26		
1985	no data	1995	0.25	2005	0.26		
1986	no data	1996	0.27	2006	0.28		
1987	no data	1997	0.29	2007	0.30		
1988	no data	1998	0.27	2008	0.28		
1989	no data	1999	0.28	2009	0.26		

Fish Size

The average weight of all bass weighed in during 2010 was 2.05 pounds. This is no change from size reported in 2009. Tournament organizers seldom distinguished between species on contest reports, so this is the combined average weight of largemouth, smallmouth, and spotted bass. In 'Event' type contests, the average bass weighed 2.19 pounds (Table 9). In 'Annual' type contests, the average weight of bass was 2.07 pounds (Table 10).

Table 9. Average weight of bass caught in 'Event' type fishing contests between 1985 - 2010.

	Average		Average		Average		Average
Year	Weight	Year	Weight	Year	Weight	Year	Weight
		1990	1.76	2000	1.98	2010	2.19
		1991	1.70	2001	2.01		
		1992	1.83	2002	2.22		
		1993	1.92	2003	2.21		
		1994	1.90	2004	2.22		
1985	no data	1995	1.88	2005	2.30		
1986	no data	1996	1.91	2006	2.32		
1987	no data	1997	1.93	2007	2.18		
1988	no data	1998	2.00	2008	2.40		
1989	no data	1999	2.08	2009	2.24		

Table 10. Average weight of bass caught in 'Annual' type fishing contests between 1985 - 2010.

	Average		Average		Average		Average
Year	Weight	Year	Weight	Year	Weight	Year	Weight
		1990	1.62	2000	1.88	2010	2.05
		1991	1.57	2001	1.92		
		1992	1.50	2002	2.03		
		1993	1.58	2003	2.14		
		1994	1.64	2004	2.12		
1985	no data	1995	1.66	2005	2.10		
1986	no data	1996	1.67	2006	2.01		
1987	no data	1997	1.84	2007	2.12		
1988	no data	1998	1.83	2008	2.13		
1989	no data	1999	2.09	2009	1.94		

At each tournament, a record is kept noting the largest bass weighed in at that contest. In 2010, the largest bass weighed in during a bass tournament was a largemouth bass that weighed 18.11 pounds. This fish was taken on March 20th from New Melones Reservoir and is the second largest bass ever reported caught in a bass tournament. Other large fish taken during bass tournaments in 2010 were largemouth bass weighing 15.77 lbs (June 27^{th)} and another weighing 14.50 lbs (February 6th), caught in the Sacramento – San Joaquin Delta.

While these bass are trophy class fish, they are not the largest bass caught during a tournament in California. Table 11 shows a list of the largest tournament caught bass from 1986 - 2010.

Table 11. Largest tournament caught bass in California each year between 1986 -2010.

Year	Location	Date Caught	Species	Weight (lbs.)
1986	Clear Lake	6/15/1986	Largemouth	12.80
1987	Lake Castaic	6/6/1987	Largemouth	17.90
1988	Lake Cachuma	3/18/1988	Largemouth	16.40
1989	Lake Castaic	6/10/1989	Largemouth	13.00
1990	Lake Casitas	3/10/1990	Largemouth	15.80
1991	Clear Lake	6/1/1991	Largemouth	15.38
1992	Lake Castaic	6/20/1992	Largemouth	17.87
1993	Lake Cachuma	4/17/1993	Largemouth	18.24
1994	Lake Casitas	4/30/1994	Largemouth	15.47
1995	Lake Castaic	6/10/1995	Largemouth	13.71
1996	Lake Perris	11/10/1996	Largemouth	15.38
1997	Lake Hodges	9/27/1997	Largemouth	16.50
1998	Lake Shasta	11/19/1998	Largemouth	16.56
1999	Lake Casitas	6/19/1999	Largemouth	14.74
2000	CA Delta	4/30/2000	Largemouth	17.57
2001	Lake Perris	11/11/2001	Largemouth	14.04
2002	Lake Casitas	6/15/2002	Largemouth	15.54
2003	CA Delta	4/12/2003	Largemouth	14.08
2004	Lake Success	5/15/2004	Largemouth	14.76
2005	Lake Shasta	10/9/2005	Largemouth	15.84
2006	CA Delta	4/15/2006	Largemouth	15.81
2007	Lake Pyramid	5/6/2007	Largemouth	16.40
2008	CA Delta	4/5/2008	Largemouth	14.25
2009	CA Delta	4/11/2009	Largemouth	15.59
2010	New Melones Reservoir	3/20/2010	Largemouth	18.11

Initial Mortality

Tournament organizers are required, insofar as possible, to release all bass alive and in good condition back to the water were taken. In some instances bass are brought to the weigh-in scales dead; this is recorded as initial mortality on the Fishing Contest Report submitted by the contest organizer. Initial mortality is the only type of tournament associated loss measured for bass fishing contests, although an unknown amount of delayed mortality occurs after release. In 'Event' type contests held in 2010, organizers reported an initial mortality of 0.7% (Table 11). In 'Annual' type contests, the initial mortality was estimated to be 0.9% (Table 12). Reported initial mortality has not exceeded 2% in any 'Event' contest since the implementation of "Special Black Bass Tournament Conditions" in 1988.

Table 11. Percent initial mortality of bass caught in 'Event' type fishing contests between 1985 - 2010.

	Initial		Initial		Initial		Initial
Year	Mortality	Year	Mortality	Year	Mortality	Year	Mortality
		1990	1.2	2000	1.3	2010	0.7
		1991	0.9	2001	1.1		
		1992	1.1	2002	1.0		
		1993	0.7	2003	0.9		
		1994	0.7	2004	1.0		
1985	2.8	1995	0.8	2005	0.9		
1986	2.0	1996	0.9	2006	1.1		
1987	2.3	1997	1.0	2007	0.8		
1988	1.4	1998	1.0	2008	0.8		
1989	1.6	1999	0.9	2009	1.0		-

Table 12. Percent initial mortality of bass caught in 'Annual' type fishing contests between 1985 - 2010.

	Initial		Initial		Initial		Initial
Year	Mortality	Year	Mortality	Year	Mortality	Year	Mortality
		1990	2.0	2000	1.4	2010	0.9
		1991	1.5	2001	1.3		
		1992	1.9	2002	1.2		
		1993	1.9	2003	1.2		
		1994	1.7	2004	1.3		
1985	no data	1995	5.0	2005	1.2		
1986	no data	1996	1.4	2006	1.6		
1987	no data	1997	1.8	2007	1.2		
1988	no data	1998	1.4	2008	1.1		
1989	no data	1999	2.1	2009	1.1		

Appendix 1

Summary of 2010 Fishing Contest Reports for All Contest Types by Individual Water

2010 Black Bass Fishing Contest Report Summary All Contest Types

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Anderson Lake	1	233	286.8	3	114	8.00	912.00	0.26	1.23
Antelope Lake	2	80	168.3	0	43	17.50	369.50	0.22	2.10
Bass Lake	6	223	425.9	1	126	47.00	998.00	0.22	1.91
Big Bear Lake	3	49	88.1	1	38	20.00	256.00	0.19	1.80
Big Lake	1	27	68.4	0	14	8.00	112.00	0.24	2.53
Black Butte Reservoir	1	19	28.6	0	11	9.00	99.00	0.19	1.51
Blue Lake, Upper (Lake Co.)	1	77	207.6	0	37	6.00	222.00	0.35	2.70
Bullards Bar Reservoir	6	102	230.4	5	56	38.00	576.00	0.18	2.26
Butt Valley Reservoir	1	55	121.0	0	24	8.00	192.00	0.29	2.20
Camp Far West	3	91	180.7	1	41	25.00	339.00	0.27	1.99
Castaic Lagoon	2	130	324.4	0	56	12.00	336.00	0.39	2.50
Clear Lake	211	14,273	43,463.1	101	5,628	1,481.25	60,781.00	0.23	3.05
Collins Lake	2	88	141.2	0	13	16.00	208.00	0.42	1.60
Colorado River	4	151	247.4	6	34	28.00	364.00	0.41	1.64
Copo Reservoir	1	3	4.5	0	4	6.00	24.00	0.13	1.50
Diamond Valley Lake	71	5,078	16,497.4	66	2,924	456.00	21,864.00	0.23	3.25
East Park Reservoir	2	140	261.7	0	144	12.00	920.00	0.15	1.87
Eastman Lake	12	619	1,166.6	21	271	91.00	2,057.00	0.30	1.88
Folsom Lake	19	1,668	3,742.0	2	628	152.50	5,498.50	0.30	2.24
Hensley Lake	4	95	167.3	6	55	29.00	378.00	0.25	1.76
Iron Gate Reservoir	8	181	352.2	0	73	61.00	796.00	0.23	1.95
Irvine Lake	1	13	22.2	1	11	6.00	66.00	0.20	1.71
Lake Almanor	20	1,138	2,910.4	2	382	163.00	3,903.50	0.29	2.56
Lake Amador	14	428	800.3	24	240	99.00	2,003.00	0.21	1.87
Lake Berryessa	44	3,734	7,407.0	3	1,591	358.75	13,630.00	0.27	1.98
Lake Britton	8	221	402.6	1	75	59.00	848.00	0.26	1.82
Lake Cachuma	33	1,430	2,538.4	4	619	245.50	5,624.50	0.25	1.78
Lake Camanche	30	1,967	4,093.0	7	796	250.25	6,807.75	0.29	2.08
Lake Casitas	21	967	2,867.3	2	428	124.00	3,097.00	0.31	2.97
Lake Castaic	44	2,396	5,212.6	21	1,174	301.00	8,639.00	0.28	2.18
Lake Don Pedro	67	4,669	9,942.5	57	1,900	484.50	16,404.00	0.28	2.13

2010 Black Bass Fishing Contest Report Summary All Contest Types (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Lake El Capitan	48	2,578	5,543.4	29	1,167	327.00	9,065.00	0.28	2.15
Lake Elsinore	1	21	33.5	0	40	6.00	240.00	0.09	1.60
Lake Havasu	6	293	627.2	4	45	42.00	718.00	0.41	2.14
Lake Hodges	42	1,206	2,744.8	3	961	305.00	7,713.00	0.16	2.28
Lake Isabella	33	1,274	3,795.7	17	578	227.00	4,760.00	0.27	2.98
Lake Kaweah	23	1,081	1,965.5	21	777	148.50	5,420.00	0.20	1.82
Lake McClure	49	4,434	6,385.6	35	1,615	378.50	13,420.50	0.33	1.44
Lake Murrary	6	91	143.0	0	37	52.00	332.00	0.27	1.57
Lake Nacimiento	36	2,194	3,108.9	15	869	279.50	7,558.00	0.29	1.42
Lake New Melones	27	2,834	4,486.6	33	966	221.50	8,914.00	0.32	1.58
Lake Oroville	55	5,977	11,251.0	28	2,377	415.00	20,346.50	0.29	1.88
Lake Pardee	18	539	1,375.1	4	343	147.25	2,812.00	0.19	2.55
Lake Perris	18	346	939.2	1	311	140.00	2,454.00	0.14	2.71
Lake Pillsbury	1	72	289.0	0	79	8.50	671.50	0.11	4.01
Lake Piru	44	2,041	4,849.1	14	902	267.50	6,239.50	0.33	2.38
Lake San Antonio	16	543	955.1	6	340	125.00	3,260.00	0.17	1.76
Lake Santa Margarita	32	1,316	3,561.0	10	797	242.00	7,230.00	0.18	2.71
Lake Shasta	128	13,046	20,297.4	75	2,937	988.00	35,468.00	0.37	1.56
Lake Shastina	4	37	108.2	0	23	30.00	354.00	0.10	2.92
Lake Skinner	2	17	52.3	1	42	14.00	280.00	0.06	3.08
Lake Sonoma	13	787	1,694.8	6	356	106.50	3,155.00	0.25	2.15
Lake Success	12	727	1,188.8	11	379	87.00	2,888.00	0.25	1.64
Lake Sutherland	4	71	71.8	0	49	26.50	311.50	0.23	1.01
Lake Tulloch	25	938	1,633.7	3	788	129.00	4,274.00	0.22	1.74
Lopez Lake	22	1,394	3,473.7	11	704	177.00	5,799.50	0.24	2.49
Los Banos Reservoir	1	27	58.1	0	35	8.00	280.00	0.10	2.15
Martinez Reservoir	4	90	160.8	5	22	14.00	170.00	0.53	1.79
Millerton Lake	28	2,523	3,913.6	11	1,084	218.75	8,816.00	0.29	1.55
New Hogan Lake	9	487	813.4	4	220	68.50	1,718.50	0.28	1.67
Otay Lake, Lower	34	1,725	3,273.1	21	812	237.50	6,294.00	0.27	1.90

2010 Black Bass Fishing Contest Report Summary All Contest Types (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Parker Dam Resevoir	2	60	91.9	0	18	12.00	216.00	0.28	1.53
Pine Flat Lake	23	1,574	2,556.3	17	598	177.00	4,765.00	0.33	1.62
Pyramid Lake	25	1,580	3,547.7	9	803	199.00	6,469.00	0.24	2.25
Ruth Lake	2	181	340.6	0	92	18.00	828.00	0.22	1.88
Sacramento - San Joaquin Delta	318	25,631	62,485.1	172	10,797	2,391.00	102,328.50	0.25	2.44
Salt Springs Resevoir	2	75	163.0	0	38	12.00	228.00	0.33	2.17
Scotts Flat Reservoir	1	41	73.6	1	14	9.00	126.00	0.33	1.80
Silverwood Lake	13	395	1,039.0	0	226	98.00	1,886.00	0.21	2.63
Stony Gorge Reservoir	3	66	109.6	1	29	23.00	372.00	0.18	1.66
Thermolito Afterbay	2	40	59.3	1	20	12.00	120.00	0.33	1.48
Trinity Lake	31	657	1,658.0	12	302	225.00	3,442.00	0.19	2.52
Union Valley Reservoir	1	21	24.6	1	20	6.00	120.00	0.18	1.17
Vail Lake	1	44	95.2	1	15	6.00	90.00	0.49	2.16
Walker Lake	2	56	111.1	0	38	10.00	190.00	0.29	1.98
Whiskytown Lake	7	122	264.4	2	70	45.00	559.00	0.22	2.17
Statewide Totals	1,796	118,787	264,278.6	910	49,846	13,148.75	447,482.30	0.27	2.22

Appendix 2

Summary of 2010 Fishing Contest Reports for 'Event' Type Contests by Individual Water

2010 Black Bass Fishing Contest Report Summary 'Event' Type Contests

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Anderson Lake	1	233	286.8	3	114	8.00	912.00	0.26	1.23
Bass Lake	1	59	125.6	0	38	8.00	304.00	0.19	2.13
Big Bear Lake	1	4	6.0	0	14	8.00	112.00	0.04	1.50
Castaic Lagoon	2	130	324.4	0	56	12.00	336.00	0.39	2.50
Clear Lake	63	9,781	29,549	60.0	3653	447.50	40,357.00	0.24	3.02
Diamond Valley Lake	51	4423	14847.5	58	2613	304.00	19,478.00	0.23	3.36
East Park Reservoir	2	140	261.7	0	144	12.00	920.00	0.15	1.87
Eastman Lake	12	619	1166.6	21	271	91.00	2,057.00	0.30	1.88
Folsom Lake	11	1,355	3,076.2	0	468	86.50	4,192.00	0.32	2.27
Iron Gate Reservoir	3	79	164.2	0	59	22.00	610.00	0.13	2.08
Lake Almanor	4	397	1,136.1	0	174	34.00	1,486.00	0.27	2.86
Lake Amador	2	83	156.6	2	38	11.00	418.00	0.20	1.89
Lake Berryessa	14	2,391	4,914.3	0	1,036	112.00	8,288.00	0.29	2.06
Lake Cachuma	16	748	1,376.9	1	316	120.00	2,984.00	0.25	1.84
Lake Camanche	7	980	2,009.9	1	344	65.00	2,916.00	0.34	2.05
Lake Casitas	15	931	2,793.1	1	401	80.00	2,900.00	0.32	3.00
Lake Castaic	38	2,129	4,618.5	18	1,070	255.00	7,825.00	0.27	2.17
Lake Don Pedro	25	2,355	4,991.6	40	1,000	187.50	8,726.00	0.27	2.12
Lake El Capitan	27	2,052	4,428.0	26	904	179.00	7,124.00	0.29	2.16
Lake Hensley	4	95	167.3	6	55	29.00	378.00	0.25	1.76
Lake Hodges	27	997	2,205.9	2	763	195.50	6,219.00	0.16	2.21
Lake Isabella	27	1,136	3,385.6	16	541	185.00	4,304.00	0.26	2.98
Lake Kaweah	23	1081	1965.5	21	777	148.50	5,420.00	0.20	1.82
Lake Mc Clure	37	3890	5479.2	35	1,384	287.50	11,442.50	0.34	1.41
Lake Nacimiento	8	572	915.7	0	312	66.00	2,566.00	0.22	1.60
Lake New Melones	12	1,698	2,690.6	16	623	98.00	5,956.00	0.29	1.58
Lake Oroville	33	5,002	9,464.5	27	2,035	246.00	17,360.50	0.29	1.89
Lake Pardee	1	50	152.8	0	28	8.00	224.00	0.22	3.06
Lake Perris	8	232	694.2	0	168	64.00	1,344.00	0.17	2.99
Lake Piru	18	1,297	3,223.8	7	465	90.00	3,380.00	0.38	2.49
Lake San Antonio	4	219	395.5	0	106	34.00	1,168.00	0.19	1.81

2010 Black Bass Fishing Contest Report Summary 'Event' Type Contests (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Lake Santa Margarita	12	566	1,558.5	2	377	89.00	3,311.00	0.17	2.75
Lake Shasta	34	8,309	13,378.1	40	1,749	264.00	23,137.00	0.36	1.61
Lake Sonoma	5	451	1,060.4	0	242	41.00	1,966.00	0.23	2.35
Lake Success	12	727	1,188.8	11	379	87.00	2,888.00	0.25	1.64
Lake Tulloch	3	213	396.7	3	188	25.00	1,530.00	0.14	1.86
Lopez Lake	8	588	1,584.5	2	330	63.00	2,598.00	0.23	2.69
Millerton Lake	28	2,523	3,913.6	11	1,084	218.75	8,816.00	0.39	1.55
Otay lake, Lower	18	1,018	2,037.0	11	527	113.50	4,111.00	0.25	2.00
Pine Flat Lake	16	1,277	2,087.3	8	484	124.00	3,914.00	0.33	1.63
Pyramid Lake	15	1,230	2,885.6	7	650	120.00	5,200.00	0.24	2.35
Ruth Lake	2	181	340.6	0	92	18.00	828.00	0.22	1.88
Sacramento - San Joaqui	149	18,626	47,294.2	107	7,495	1,121.00	74,664.00	0.25	2.54
Silverwood Lake	10	326	829.5	0	184	76.00	1,560.00	0.21	2.54
Trinity Lake	1	55	149.0	0	26	8.00	208.00	0.26	2.71
Statewide Totals	810	81,248	185,676.7	563	33,777	5,862.25	306,438.00	0.25	2.19

Appendix 3

Summary of 2010 Fishing Contest Reports for 'Annual' Type Contests by Individual Water

2010 Black Bass Fishing Contest Report Summary 'Annual' Type Contests

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Antelope Lake	2	80	168.3	0	43	17.50	369.50	0.22	2.10
Bass Lake	5	164	300.3	1	88	39.00	694.00	0.24	1.83
Big Bear Lake	2	45	82.1	1	24	12.00	144.00	0.31	1.82
Big Lake	1	27	68.4	0	14	8.00	112.00	0.24	2.53
Black Butte Reservoir	1	19	28.6	0	11	9.00	99.00	0.19	1.51
Blue Lake, Upper (Lake Co.)	1	77	207.6	0	37	6.00	222.00	0.35	2.70
Bullards Bar Reservoir	6	102	230.4	5	56	38.00	576.00	0.18	2.26
Butt Valley Reservoir	1	55	121.0	0	24	8.00	192.00	0.29	2.20
Camp Far West	3	91	180.7	1	41	25.00	339.00	0.27	1.99
Clear Lake	148	4,492	13,914.7	41	1,975	1,033.80	20,424.00	0.22	3.10
Collins Lake	2	88	141.2	0	13	16.00	208.00	0.42	1.60
Colorado River	4	151	247.4	6	34	28.00	364.00	0.41	1.64
Copco Reservoir	1	3	4.5	0	4	6	24.00	0.13	1.50
Diamond Valley Lake	20	655	1,649.9	8	311	152.00	2,386.00	0.27	2.52
Folsom Lake	8	313	665.8	2	160	66.00	1,306.50	0.24	2.13
Iron Gate Reservoir	5	102	188.0	0	14	39.00	186.00	0.55	1.84
Irvine Lake	1	13	22.2	1	11	6.00	66.00	0.20	1.71
Lake Almanor	16	741	1,774.3	2	208	129.00	2,417.50	0.31	2.39
Lake Amador	12	345	643.6	22	202	88.00	1,585.00	0.22	1.87
Lake Berryessa	30	1,343	2,492.7	3	555	246.80	5,342.00	0.25	1.86
Lake Britton	8	221	402.6	1	75	59.00	848.00	0.26	1.82
Lake Cachuma	17	682	1,161.5	3	303	125.50	2,640.50	0.26	1.70
Lake Camanche	23	987	2,083.2	6	452	185.30	3,891.80	0.25	2.11
Lake Casitas	6	36	74.2	1	27	44.00	197.00	0.18	2.06
Lake Castaic	6	267	594.1	3	104	46.00	814.00	0.33	2.22
Lake Don Pedro	42	2,314	4,950.9	17	900	297.00	7,678.00	0.30	2.14
Lake El Capitan	21	526	1,115.4	3	263	148.00	1,941.00	0.27	2.12
Lake Elsinore	1	21	33.5	0	40	6.00	240.00	0.09	1.60
Lake Havasu	6	293	627.2	4	45	42.00	718.00	0.41	2.14
Lake Hodges	15	209	538.9	1	198	109.50	1,494.00	0.14	2.58
Lake Isabella	6	138	410.1	1	37	42.00	456.00	0.30	2.97

2010 Black Bass Fishing Contest Report Summary 'Annual' Type Contests (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Lake McClure	12	544	906.4	0	231	91.00	1,978.00	0.28	1.67
Lake Murry	6	91	143.0	0	37	52.00	332.00	0.27	1.57
Lake Nacimieno	28	1,622	2,193.1	15	557	213.50	4,992.00	0.32	1.35
Lake New Melones	15	1,136	1,796.0	17	343	123.50	2,958.00	0.38	1.58
Lake Oroville	22	975	1,786.5	1	342	169.00	2,986.00	0.33	1.83
Lake Pardee	17	489	1,222.2	4	315	139.30	2,588.00	0.19	2.50
Lake Perris	10	114	244.9	1	143	76.00	1,110.00	0.10	2.15
Lake Pillsbury	1	72	289.0	0	79	8.50	671.50	0.11	4.01
Lake Piru	26	744	1,625.3	7	437	177.50	2,859.50	0.26	2.18
Lake San Antonio	12	324	559.6	6	234	91.00	2,092.00	0.15	1.73
Lake Santa Margarita	20	750	2,002.5	8	420	153.00	3,919.00	0.19	2.67
Lake Shasta	94	4,737	6,919.2	35	1,188	724.00	12,331.00	0.38	1.46
Lake Shastina	4	37	108.2	0	23	30.00	354.00	0.10	2.92
Lake Skinner	2	17	52.3	1	42	14.00	280.00	0.06	3.08
Lake Sonoma	8	336	634.4	6	114	65.50	1,189.00	0.28	1.89
Lake Sutherland	4	71	71.8	0	49	26.50	311.50	0.23	1.01
Lake Tulloch	22	725	1,237.0	0	600	104.00	2,744.00	0.26	1.70
Lopez Lake	14	806	1,889.2	9	374	114.00	3,201.50	0.25	2.34
Los Banos Creek Resevoir	1	27	58.1	0	35	8.00	280.00	0.10	2.15
Martinez Reservoir	4	90	160.8	5	22	14.00	170.00	0.53	1.79
New Hogan Lake	9	487	813.4	4	220	68.50	1,718.50	0.28	1.67
Otay lake, Lower	16	707	1,236.1	10	285	124.00	2,183.00	0.32	1.75
Parker Dam Reservoir	2	60	91.9	0	18	12.00	216.00	0.28	1.53
Pine Flat Lake	7	297	469.0	9	114	53.00	851.00	0.35	1.58
Pyramid Lake	10	350	662.1	2	153	79	1,269.00	0.28	1.89
Sacramento - San Joaquin Delta	169	7,005	15,190.7	65	3,302	1,270.50	27,664.50	0.25	2.17
Salt Springs Reservoir	2	75	163.0	0	38	12.00	228.00	0.33	2.17
Scotts Flat Reservoir	1	41	73.6	1	14	9	126.00	0.33	1.80
Silverwood Lake	3	69	209.5	0	42	22.00	326.00	0.21	3.04
Stony Gorge Reservoir	3	66	109.6	1	29	23.00	372.00	0.18	1.66
Thermalito Afterbay	2	40	59.3	1	20	12.00	120.00	0.33	1.48

2010 Black Bass Fishing Contest Report Summary 'Annual' Type Contests (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Trinity Lake	30	602	1,509.0	12	276	217.00	3,234.00	0.19	2.51
Union Valley Resevoir	1	21	24.6	1	20	6.00	120.00	0.18	1.17
Vail Lake	1	44	95.2	1	15	6.00	90.00	0.49	2.16
Walker Lake	2	56	111.1	0	38	10.00	190.00	0.29	1.98
Whiskeytown Lake	7	122	264.4	2	70	45.00	559.00	0.22	2.17
Statewide Totals:	1,007.0	38,349	80,105.5	357	16,508	7,440.00	144,588.80	0.26	2.05